

Type	Hits	Search Text	DBS	Time Stamp
1	BRS	S1 and 'pump' and ('gate' or 'valve')	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:22
2	BRS	S2 and (('flood' and 'drain') or ('ebb' and 'flow'))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:21
3	IS&R	((47/59R) or (47/60) or (47/62R) or (47/62C) or (47/62E) or (47/63) or (47/62N)) .CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:33
4	IS&R	(47/48.5) .CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:34
5	BRS	S6 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:47
6	IS&R	((47/79) or (47/82)) .CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:34
7	BRS	S5 and 'pump'	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:47
8	BRS	S7 and 'pump'	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:47
9	BRS	S9 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:54
10	BRS	A01G031/06.ipc.	EPO; JPO; DERWENT	2004/12/13 12:14
11	BRS	S12 not S1	EPO; JPO; DERWENT	2004/12/13 11:54
12	BRS	A01G031/02.ipc.	EPO; JPO; DERWENT	2004/12/13 12:20
13	BRS	S14 and (('flood' and 'drain') or ('ebb' and 'flow'))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:30
14	BRS	S14 and (('flood' and 'drain') or ('ebb' and 'flow'))	EPO; JPO; DERWENT	2004/12/13 12:15
15	BRS	S14 and 'pump' and ('gate' or 'valve')	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:17
16	BRS	A01G031/00.ipc.	EPO; JPO; DERWENT	2004/12/13 12:20
17	BRS	S18 and (('flood' and 'drain') or ('ebb' and 'flow'))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:21
18	BRS	S18 and (('flood' and 'drain') or ('ebb' and 'flow'))	EPO; JPO; DERWENT	2004/12/13 12:21

Type	Hits	Search Text	DBs	Time Stamp
19	BRS 49	S18 and 'pump' and ('gate' or 'valve')	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:22
20	BRS 45	S21 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:22
21	BRS 16	'hydroponic' and 'pump' and 'light' and ('flood' and 'drain') or ('ebb' and 'flow')	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:31
22	IS&R 12	(("5307589") or ("4255896") or ("4302906") or ("5337515") or ("5860247") or ("6219966") or ("6247268") or ("5385590") or ("4630394") or ("5146709") or ("5394647")) or ("5887383")).PN.	USPAT	2004/12/13 14:30
23	BRS 10	("4021964" "4211034" "4255896" "4310990" "4533083" "4926585" "5287652" "5394647").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:31
24	BRS 11	("4310990" "4399634" "4669217" "5010686" "5381626" "5394647" "5996280").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:32
25	BRS 7	("4016677" "4419842" "4447983" "5056260" "5394647").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:33

Type	Hits	Search Text	DBS	Time Stamp
		("1297719" "2145052" "2306027" "2388179" "3127108" "3438383" "3900134" "4107875" "4170844" "4177604" "4189867" "4211037" "4245433" "4393890" "4527353" "4669217" "4780989" "5054233" "5067275" "5269094" "5394647" "5501037" "5502923") . PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:33
27	17	("2855725" "3352057" "3660933" "4059922" "4310990" "4584791" "4953322" "4965962" "4976064" "4986027" "5010686" "5067275" "5097627" "5168664" "5269094") . PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:35
28	8	("2306027" "3243919" "4149340" "4419842" "4676023" "5127366") . PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:36

Type	Hits	Search Text	DBS	Time Stamp
		("2062755" "2188875" "2241699" "2747331" "2940218" "2983076" "3131064" "3250606" "3300895" "3305968" "3352057" "3660933" "3766684" "3889415" "3892982" "3925926" "4004369" "4033072" "4057930" "4057933" "4107875" "4170844" "4177604" "4211034" "4245434" "4302906" "4324069" "4332105" "4334386" "4371995" "4447983" "4527353" "4603506" "4813176" "4951416") .PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:37
30	BRS 12	("3053011" "3159413" "3552058" "3660933" "3903644" "4045909" "4334386" "5007135" "5113618") .PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:40
31	BRS 12	("3053011" "3159413" "3552058" "3660933" "3903644" "4045909" "4334386" "5007135" "5113618") .PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:40
32	BRS 8	("2837868" "4255896" "4551943" "4608776" "4884364" "4899487" "4953363") .PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:40

Type	Hits	Search Text	DBS	Time Stamp
33	BRS 1.7	("0460809" "1022616" "2278991" "2491271" "3365840" "3728254" "4185414" "4211034" "4255896" "4310990" "4324069") . PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:41
34	BRS 9	("2674828" "3468057" "3660933" "3768200" "3839198" "3955317" "4084346") . PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:42
35	BRS 1.8	("1222648" "2121461" "2971290" "3352057" "3365840" "3841023" "3973316" "4075785" "4083147" "4092803" "4106235" "4118891" "D243113") . PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:43

10806764_LIST

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64

PLUS Search Results for S/N 10806764, Searched December 13, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5860247
5870854
4908985
5675932
5826374
6306645
4793096
4930253
5067275
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4315381
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4899489
5430972
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5597731
6022742
6107085

10806764_QUAL

5860247 88
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5675932 80
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6306645 80
4793096 73
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5010686 70
6000173 70
4315381 70
4830276 70
4899489 70
5430972 70
5525505 70
5597731 70
6022742 64
6107085 64

10806764 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10806764 on December 13, 2004

- | | | |
|---|-----------|-------------------------------------------------------------|
| 8 | 47/62R | (4 OR, 4 XR) |
| | Class 047 | : PLANT HUSBANDRY |
| | 47/59R | WATER CULTURE, APPARATUS OR METHOD |
| | 47/62R | .Nutrient recirculation system (e.g.,
hydroponic system) |
| 7 | 47/59R | (3 OR, 4 XR) |
| | Class 047 | : PLANT HUSBANDRY |
| | 47/59R | WATER CULTURE, APPARATUS OR METHOD |
| 5 | 47/17 | (1 OR, 4 XR) |
| | Class 047 | : PLANT HUSBANDRY |
| | 47/17 | GREENHOUSE, APPARATUS OR METHOD |
| 4 | 47/60 | (0 OR, 4 XR) |
| | Class 047 | : PLANT HUSBANDRY |
| | 47/59R | WATER CULTURE, APPARATUS OR METHOD |
| | 47/60 | .Cultivating chamber |
| 4 | 47/62E | (2 OR, 2 XR) |
| | Class 047 | : PLANT HUSBANDRY |
| | 47/59R | WATER CULTURE, APPARATUS OR METHOD |
| | 47/62R | .Nutrient recirculation system (e.g.,
hydroponic system) |
| | 47/62E | ..Ebb and Flow systems |
| 4 | 47/64 | (0 OR, 4 XR) |
| | Class 047 | : PLANT HUSBANDRY |
| | 47/59R | WATER CULTURE, APPARATUS OR METHOD |
| | 47/64 | .Porous support |
| 4 | 435/297.5 | (0 OR, 4 XR) |
| | Class 435 | : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY |
| | 435/283.1 | APPARATUS |
| | 435/289.1 | .Bioreactor |
| | 435/297.1 | ..Including semipermeable membrane or filter |
| | 435/297.5 | ...In combination with a dish, plate, or tray |
| 3 | 47/62C | (1 OR, 2 XR) |
| | Class 047 | : PLANT HUSBANDRY |
| | 47/59R | WATER CULTURE, APPARATUS OR METHOD |

10806764 CLSTITLES

47/62R .Nutrient recirculation system (e.g.,
 hydroponic system)
47/62C ..Channel

3 435/289.1 (0 OR, 3 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

 435/283.1 APPARATUS
 435/289.1 .Bioreactor

2 47/61 (0 OR, 2 XR)
Class 047 : PLANT HUSBANDRY
 47/59R WATER CULTURE, APPARATUS OR METHOD
 47/60 .Cultivating chamber
 47/61 ..Seed germinator

2 47/63 (0 OR, 2 XR)
Class 047 : PLANT HUSBANDRY
 47/59R WATER CULTURE, APPARATUS OR METHOD
 47/63 .Individual support

2 47/65 (2 OR, 0 XR)
Class 047 : PLANT HUSBANDRY
 47/65 DYNAMIC PLANT RECEPTACLE TRANSPORT, APPARATUS
 OR METHOD

2 47/81 (0 OR, 2 XR)
Class 047 : PLANT HUSBANDRY
 47/65.5 RECEPTACLE FOR GROWING MEDIUM
 47/79 .Irrigator
 47/81 ..Fibrous wick

2 435/284.1 (1 OR, 1 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

 435/283.1 APPARATUS
 435/284.1 .Differentiated tissue (e.g., organ) perfusion
 or preservation apparatus

2 435/286.5 (0 OR, 2 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

 435/283.1 APPARATUS
 435/286.1 .Including condition or time responsive contro
1 means
 435/286.5 ..Including liquid flow, level, or volume
 control

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- 2 435/294.1 (0 OR, 2 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
435/289.1 .Bioreactor
435/294.1 ..Vessels or trays in series
- 2 435/297.1 (1 OR, 1 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
435/289.1 .Bioreactor
435/297.1 ..Including semipermeable membrane or filter
- 2 435/299.1 (1 OR, 1 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
435/289.1 .Bioreactor
435/299.1 ..Including solid extended fluid contact reaction surface
- 2 435/303.1 (0 OR, 2 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
435/289.1 .Bioreactor
435/303.1 ..Incubator
- 2 435/304.2 (1 OR, 1 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
435/289.1 .Bioreactor
435/304.1 ..Bottle, tube, jar, or flask
435/304.2 ...Including multiple internal compartments fo
r
 baffles
- 2 435/809 (0 OR, 2 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/809 INCUBATORS OR RACKS OR HOLDERS FOR CULTURE PLATES OR CONTAINERS

10806764 CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10806764 on December 13, 2004

Original Classifications

4 47/62R
3 47/59R
2 47/62E
2 47/65

Cross-Reference Classifications

4 47/17
4 47/59R
4 47/60
4 47/62R
4 47/64
4 435/297.5
3 435/289.1
2 47/61
2 47/62C
2 47/62E
2 47/63
2 47/81
2 435/286.5
2 435/294.1
2 435/303.1
2 435/809

Combined Classifications

8 47/62R
7 47/59R
5 47/17
4 47/60
4 47/62E
4 47/64
4 435/297.5
3 47/62C
3 435/289.1
2 47/61
2 47/63
2 47/65
2 47/81
2 435/284.1
2 435/286.5
2 435/294.1
2 435/297.1
2 435/299.1
2 435/303.1

10806764 CLS

2 435/304.2
2 435/809